

**In the United States Patent and Trademark Office**

In re application of: :
Chen : Art Unit:
AN 10/772,153 : Examiner:
Filed: 02/04/2004 : Atty's Docket: SC-03-01
For: Roller Cone Bit Design Using Multi-Objective Optimization
(confirmation no. 1857)

PRELIMINARY AMENDMENT

Honorable Commissioner of Patents and Trademarks
Alexandria, VA 22313

Sir:

Please amend the above application as indicated below. Any fee
necessary for consideration of this paper has been authorized to be charged to
Deposit Account Number 07-2320.

RECEIVED

APR -7 2004

OIP/

**GROOVER & ASSOCIATES**

11330 Valley Dale Drive, Dallas TX 75230

214-363-3038, FAX -3895

Robert O. Groover III, *Reg'd Patent Atty.*N. Elizabeth Pham, *Reg'd Patent Atty.*

Fax

To: OIPE	From:
Fax: 703-746-4060	Pages: 4 (including cover)
Phone:	Date:
Re: 10/772,153	CC:

☐ Urgent ☐ For Review ☐ Please Comment ☐ Please Reply ☐ Please Recycle

• Comments:

Please find enclosed:

Preliminary Amendment (3 pages)

This message may contain privileged and/or confidential information.
